Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 15 Sep 2023 until 23:59 on Saturday 16 Sep 2023

Forecast Issued on Thursday 14 Sep 2023 at 16:23

Confidence: High confidence for the change to unsettled conditions over the weekend and into next week. Lower confidence in regards to the position and movement of the frontal rain band, which will move steadily northwards overnight and tomorrow.

Headline for Friday 15 Sep 2023: Cloudy with some outbreaks of rain, locally heavy, overnight, which should gradually clear to leave drier conditions by morning, although there will be extensive low cloud and mist forming. Mostly cloudy with occasional bright or sunny spells developing in the afternoon. Feeling warm and humid too.

Mountain weather hazards on Friday 15 Sep 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Heavy Rain	Mist	Cloudy	Cloudy	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
40%	40%	30%	20%	20%	20%	20%	20%

Forecast for Friday 15 Sep 2023

Weather: Cloudy with outbreaks of rain, perhaps locally heavy at times, moving northeastwards across the Peaks overnight, gradually clearing by early morning. Becoming drier, with some bright or occasional sunny spells developing during the afternoon. Staying dry with some clear spells by evening, before low cloud, mist and fog develops after dusk.

Chance of cloud-free hill tops above 600m: 30% first thing, improving to 60% by the afternoon.

Low cloud and visibility: Cloud bases down to 400-500m overnight and first thing, lifting to above the summits by the afternoon. Lowering to 400-500m by the evening. Poor or very poor visibility in rain and low cloud early morning, improving to become mostly moderate or good in the afternoon, before deteriorating later.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Friday 15 Sep 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/16 S	15/21 S	15/20 S	12/16 SW	9/13 S	7/11 S	7/9 SE	10/14 E	10/14 E
300	8/12 SE	9/16 S	9/15 S	9/12 S	7/11 S	6/10 S	4/7 E	7/11 NE	7/12 NE
Valley	5/12 SE	5/15 S	5/13 S	6/12 S	6/11 S	5/10 S	3/8 E	8/16 E	9/17 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/10	12/10	12/9	12/10	14/12	15/14	14/13	12/10	12/10
300	14/13	14/13	14/12	14/13	16/16	17/17	17/16	15/14	14/13
Valley	14/14	14/14	14/14	15/15	18/17	18/18	17/17	15/14	14/13
Freezing Level*	2900m	3000m	2900m	2800m	2900m	2800m	2600m	2600m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Due to low confidence regarding rainfall amounts it is best to expect good conditions but prepare for the worst, hence waterproofs are advised in case of deteriorating conditions.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 14 Sep 2023	0mm	0mm	0mm

Forecast for Saturday 16 Sep 2023

Weather: Extensive low cloud, mist and fog forming overnight and early morning, which may give some outbreaks of patchy light rain and drizzle at times. Low cloud may linger throughout the day across the summits, although there is likely to be some occasional brighter during the afternoon, especially across some sheltered southern and western parts of the Park. Feeling cooler and fresher.

Maximum wind: Northeasterly 15-20mph, gusting 25-30mph on the summits.

Chance of cloud-free hill tops above 600m: 30% first thing, improving to 60% by the afternoon.

Low cloud and visibility: Cloud bases down to 300-400m overnight and early morning, gradually lifting to above the summits by mid-morning. Poor visibility in low cloud, mist and fog early in the day, improving to become mostly moderate to good through the remainder of the day.

Temperature: **Valleys:** Plus 12 Celsius, becoming Plus 17 Celsius.
At 600m: Plus 11 Celsius, becoming Plus 15 Celsius.
Freezing level: Above the summits.

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